

10/009792

SEQUENCE LISTING

<110> Korea Advanced Institute of Science and Technology

<120> E coli Secreting Human
Granulocyte Colony Stimulating Factor(hG-CSF)

<130> P0132/KAIST/PCT

<150> KR 2000-0017052

<151> 2000-03-31

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29

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32

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<212> DNA

<213> Homo sapiens

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<211> 615

<212> DNA

<213> Homo sapiens

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agcttctctgc tcaagtgctt agagcaagtg aggaagatcc agggcgatgg cgcagcgctc 180
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cccacccagg gtgccatgcc ggccttcgcc tetgctttcc agcgccgggc aggaggggtc 540
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 Glu Lys Leu Cys Ala Thr Tyr Lys Leu Cys His Pro Glu Glu Leu Val
 Leu Leu Gly His Ser Leu Gly Ile Pro Trp Ala Pro Leu Ser Ser Cys
 Pro Ser Gln Ala Leu Gln Leu Ala Gly Cys Leu Ser Gln Leu His Ser
 Gly Leu Phe Leu Tyr Gln Gly Leu Leu Gln Ala Leu Glu Gly Ile Ser
 Pro Glu Leu Gly Pro Thr Leu Asp Thr Leu Gln Leu Asp Val Ala Asp
 Phe Ala Thr Thr Ile Trp Gln Gln Met Glu Glu Leu Gly Met Ala Pro
 Ala Leu Gln Pro Thr Gln Gly Ala Met Pro Ala Phe Ala Ser Ala Phe
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 Leu Glu Val Ser Tyr Arg Val Leu Arg His Leu Ala Gln Pro

<210> 20
 <211> 531
 <212> DNA
 <213> Homo sapiens

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 aagctgtgcc acccagagga gctggtgctg ctgggacact ctctgggcat cccctgggct 180
 cccctgagca gctgccccag ccaggccctg cagctggcag gctgcttgag ccaactccat 240
 agcggccttt tctctacca ggggtcctg caggccctgg aagggatctc cccgagttg 300
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 ttgcctctg ctttcagcg cggggcagga ggggtcctag ttgcctccca tctgcagagc 480
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 Lys Cys Leu Glu Gln Val Arg Lys Ile Gln Gly Asp Gly Ala Ala Leu

 Gln Glu Lys Leu Cys Ala Thr Tyr Lys Leu Cys His Pro Glu Glu Leu

 Val Leu Leu Gly His Ser Leu Gly Ile Pro Trp Ala Pro Leu Ser Ser

 Cys Pro Ser Gln Ala Leu Gln Leu Ala Gly Cys Leu Ser Gln Leu His

 Ser Gly Leu Phe Leu Tyr Gln Gly Leu Leu Gln Ala Leu Glu Gly Ile

 Ser Pro Glu Leu Gly Pro Thr Leu Asp Thr Leu Gln Leu Asp Val Ala

 Asp Phe Ala Thr Thr Ile Trp Gln Gln Met Glu Glu Leu Gly Met Ala

 Pro Ala Leu Gln Pro Thr Gln Gly Ala Met Pro Ala Phe Ala Ser Ala

 Phe Gln Arg Arg Ala Gly Gly Val Leu Val Ala Ser His Leu Gln Ser

 Phe Leu Glu Val Ser Tyr Arg Val Leu Arg His Leu Ala Gln Pro

<210> 22
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 <212> DNA
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<210> 23
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 <213> Homo sapiens

 <400> 23

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<210> 24
<211> 135
<212> DNA
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ttctgctca agtgc 135

<210> 25
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<212> PRT
<213> Homo sapiens

<400> 25
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Met Ser Ile Ser Met Phe Ser Ala Thr Ala Ser Ala Thr Pro Leu Gly

Pro Ala Ser Ser Leu Pro Gln Ser Phe Leu Leu Lys Cys

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<212> DNA
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<212> PRT
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Met Ser Ile Ser Met Phe Ser Ala Thr Ala Ser Ala Ala Gly Pro His

His His His His His Ile Glu Gly Arg Thr Pro Leu Gly Pro Ala Ser

Ser Leu Pro Gln Ser Phe Leu Leu Lys Cys Leu Glu